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NPIC/TSSG/DED-1731-69

50039

MEMORANDUM FOR: Director, National Photographic Interpretation Center

SUBJECT : Proposed Contract with [] for
Modification and Alignment of the Stages of an []
[] Fiber-Optics Viewer (Stereo Comparator) at a
[]

1. This memorandum requests approval for the commitment of funds for a contract. The specific request is stated in Paragraph 7.

2. During FY-67, several Fiber-Optics Viewers were procured from []
[] These instruments were designed for the stereo viewing of roll film. Subsequently one of the viewers, presently in IEG, was modified so that the instrument would be capable of measuring information found on imagery. Peripheral digitizing equipment was added to provide an on-line capability to the central computer and to allow visual readout of the X and Y distances measured. However, since it was originally designed for viewing and not mensuration, the instrument had not been assembled and aligned in such a manner as to allow measurements to the precision desired.

3. The proposed project will determine the extent of modifications needed on the Fiber-Optics Viewer, indicate the measuring accuracy to be expected, and mechanically align the instrument so as to attain the expected accuracy. Completion of the project will provide IEG with a required additional capability for the mensuration of exploitation imagery. The total time anticipated for completion of the work is 2 months from the contract date. There is very little technical risk involved in this project.

4. [] was the original designer and builder of the Fiber-Optics Viewers. In response to our request, the company submitted a technical and cost proposal which appears satisfactory to the Development and Engineering Division. Cost for the project has been estimated to be [] [] expects that any necessary support from Center personnel and shop facilities will be provided. The estimate does not include costs for any major repairs or component replacement determined to be necessary during performance of the contract. [] will provide appropriate estimates if repair or replacement is found necessary. The Contracting Officer will be requested to negotiate this contract in two phases. Phase I will determine the extent of modifications required, general condition of the instrument, and determine the measuring accuracy to be expected after reconditioning and mechanical alignment. Cost of this phase is estimated to be [] Phase II will modify and mechanically align the viewer. Cost of this phase is estimated to be [] Work on Phase II will proceed only if the expected mensuration accuracy for the instrument, determined during Phase I, is satisfactory to IEG.

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SUBJECT: Proposed Contract with [redacted] for Modification
and Alignment of the Stages of an [redacted] Fiber-Optics Viewer
(Stereo Comparator) at [redacted]

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5. The proposed project is in response to the stated need by ING for gaining additional measurement capability by means of a digitized Fiber Optics Viewer.

6. The Agency association with this project is classified Confidential but the work and title will be Unclassified. The Project Officer will assign classifications to the reports.

25X

7. It is requested that approval be granted to negotiate with [redacted]
[redacted] a contract to conduct the program described at a cost not to

X1

[redacted]
Chief, Technical Services Support Group,
NPIC

25X

CONCUR: [redacted]
Chief, Imagery Exploitation Group,
NPIC

X1

APPROVAL: [redacted]
Captain, USN
Acting Director, NPIC

X1

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X1

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SUBJECT: Proposed Contract with [] For Modification 25X1
 and Alignment of the Stages of an [] Fiber-Optics Viewer 25X1
 (Stereo Comparator) at a [] 25X1

5. The proposed project is in response to the stated need by IES for gaining additional mensuration capability by means of a digitized Fiber Optics Viewer.

6. The Agency association with this project is classified Confidential but the work and title will be Unclassified. The Project Officer will assign classifications to the reports. 25X1

7. It is requested that approval be granted to negotiate with []
 [] a contract to conduct the program described at a cost not to

[] 25X1
 Chief, Technical Services & Support Group,
 NPIC

CONCUR:

[]
 Chief, Imagery Exploitation Group,
 NPIC

 Date

APPROVAL:

[]
 Captain, USA
 Acting Director, NPIC

 Date

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